



JPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Bottomley *et al.*

Serial No.: 10/672,127

Filed: September 26, 2003

For: Method and Apparatus for RAKE  
Receiver Combining Weight Generation

Attorney's Docket No.: 4015-5090

Patent Pending

Examiner:

Group Art Unit: 2631

Confirmation No.: 7766

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Raleigh, North Carolina  
May 2, 2005

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 C.F.R. 1.56, counsel wishes to make of record the attached items of information for the Examiner's consideration in connection with this application. Also enclosed is a Form PTO/SB/08B for the Examiner's convenience in making such consideration of record. Inclusion herein of any particular item of information is not to be construed as an admission that same is prior art.

**The Commissioner is hereby authorized to charge any fees that may be required or credit any overpayment to Deposit Account 18-1167.**

Respectfully submitted,  
COATS & BENNETT, P.L.L.C.

By:

Michael D. Murphy  
Registration No. 44,958

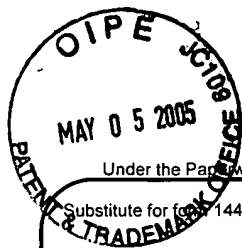
Tel: (919) 854-1844

**CERTIFICATE OF MAILING**

I HEREBY CERTIFY THAT THIS DOCUMENT IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE ON May 2, 2005 AS FIRST-CLASS MAIL, IN AN ENVELOPE ADDRESSED TO: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, PO BOX 1450, ALEXANDRIA, VA. 22313-1450.

Name of Depositor: Amy J. Martin

Date of Signature: 5/2/05



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/672,127

Filing Date September 26, 2003

First Named Inventor Bottomley

Art Unit 2196

Examiner Name

Attorney Docket Number 4015-5090

Sheet 1

of

1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A	Rushforth, "Transmitted-Reference Techniques for Random or Unknown Channels," IEEE Trans. Info. Theory, vol. IT-10, pp. 39-42, Jan. 1964.	
	B	Walker, "The Error Performance of a Class of Binary Communications Systems in Fading and Noise," IEEE Trans. Commun. Syst., vol. 12, pp. 28-45, Mar. 1964	
	C	Hingorani et al., "A Transmitted Reference System for Communication in Random or Unknown Channels," IEEE Trans. Commun. Technol. vol. 13, pp. 293-301, Sept. 1965.	
	D	Stojanovic et al., "Performance of Multiuser Detection with Adaptive Channel Estimation," IEEE Trans. Commun., vol. 47, pp. 1129-1132, Aug. 1999.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.